

Business Model

Figure 1

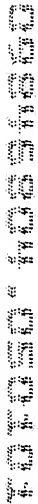


Figure 2

Example of some relationships between some of the databases

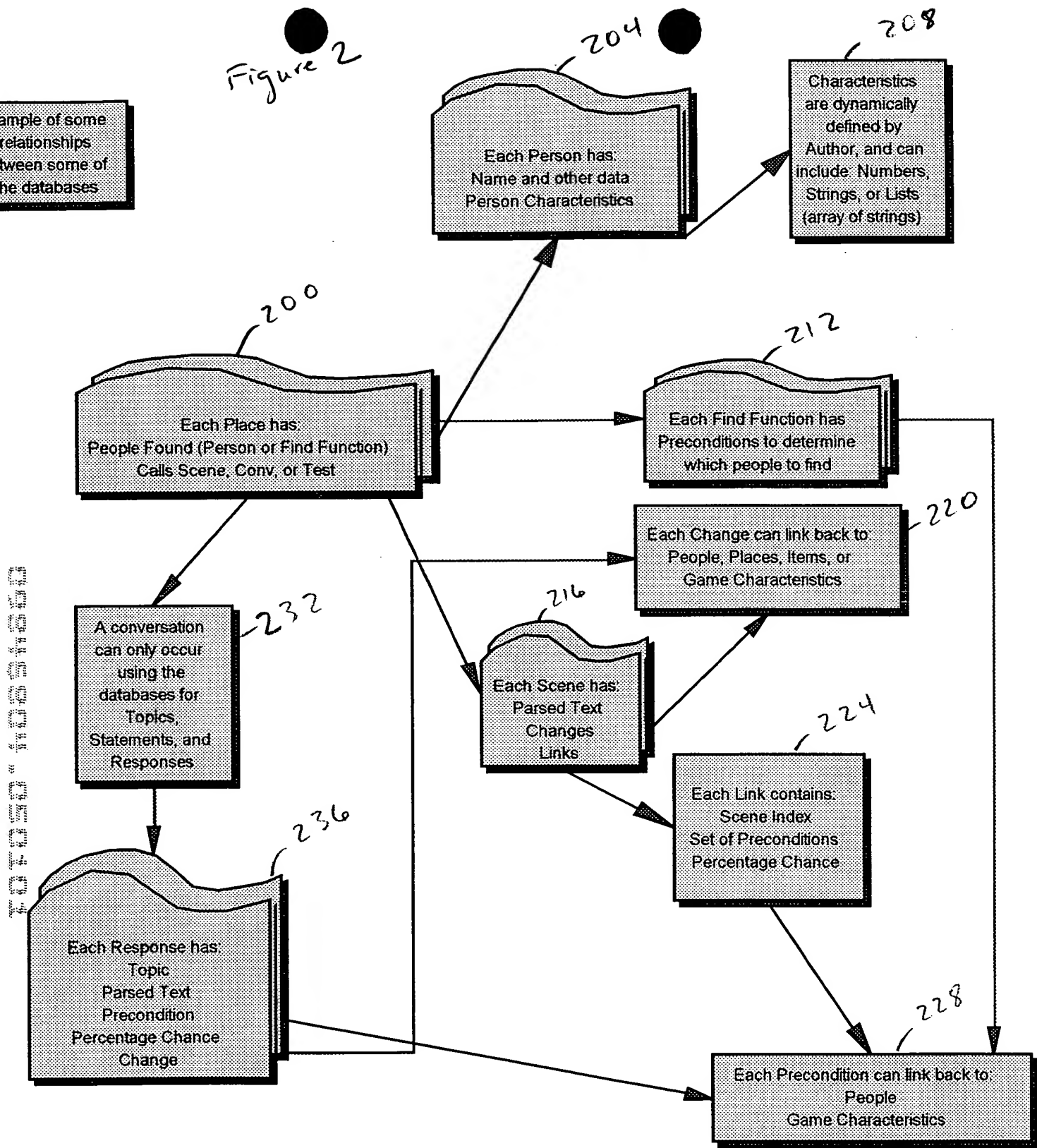
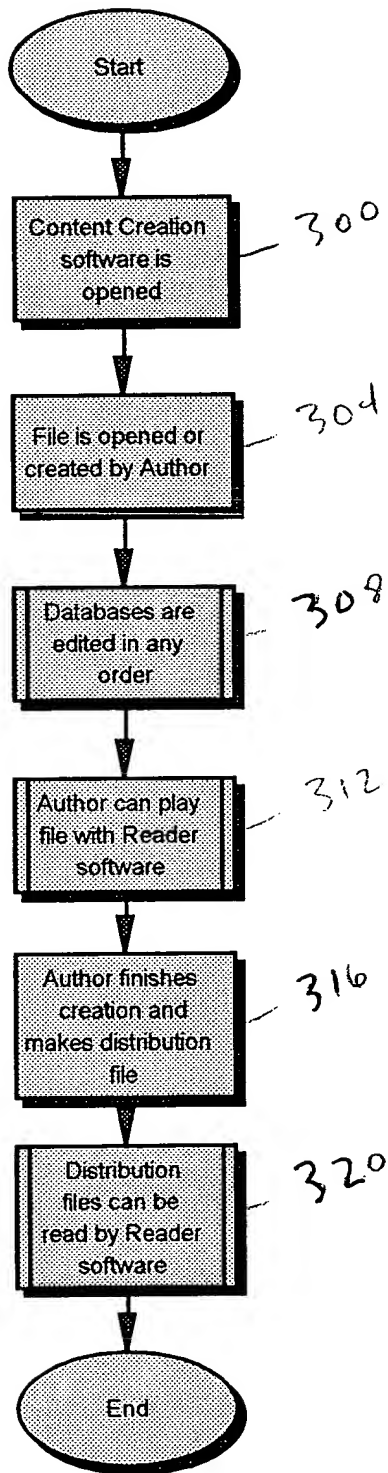


Figure 3



404050" 4034050

[illegible]

Figure 4)

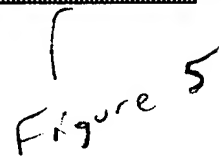


Figure 5

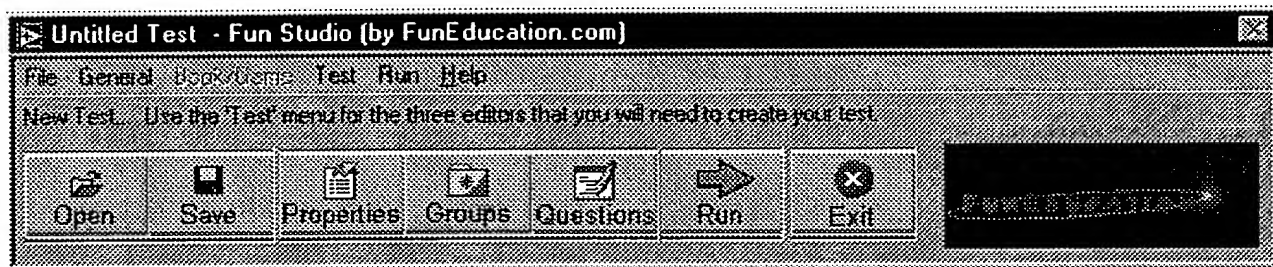
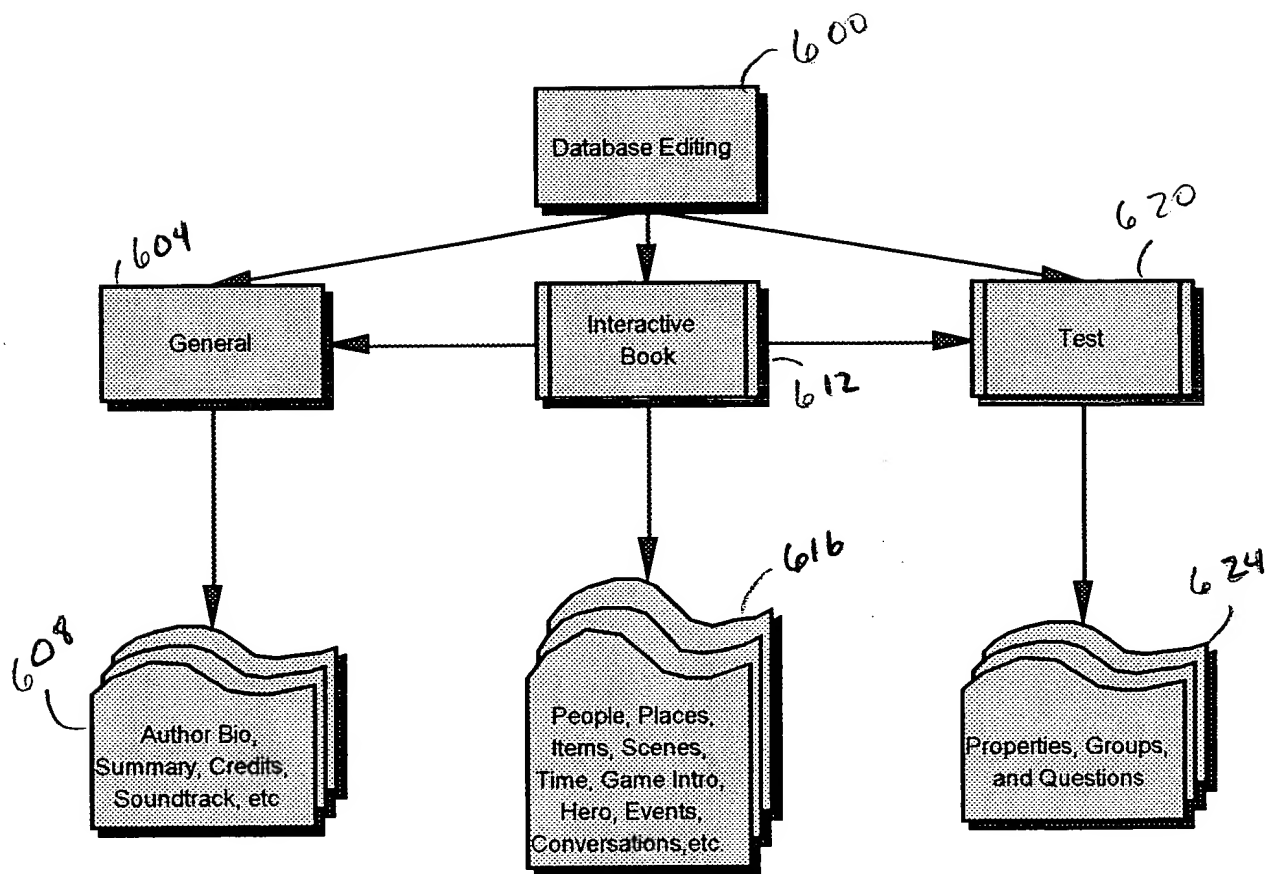
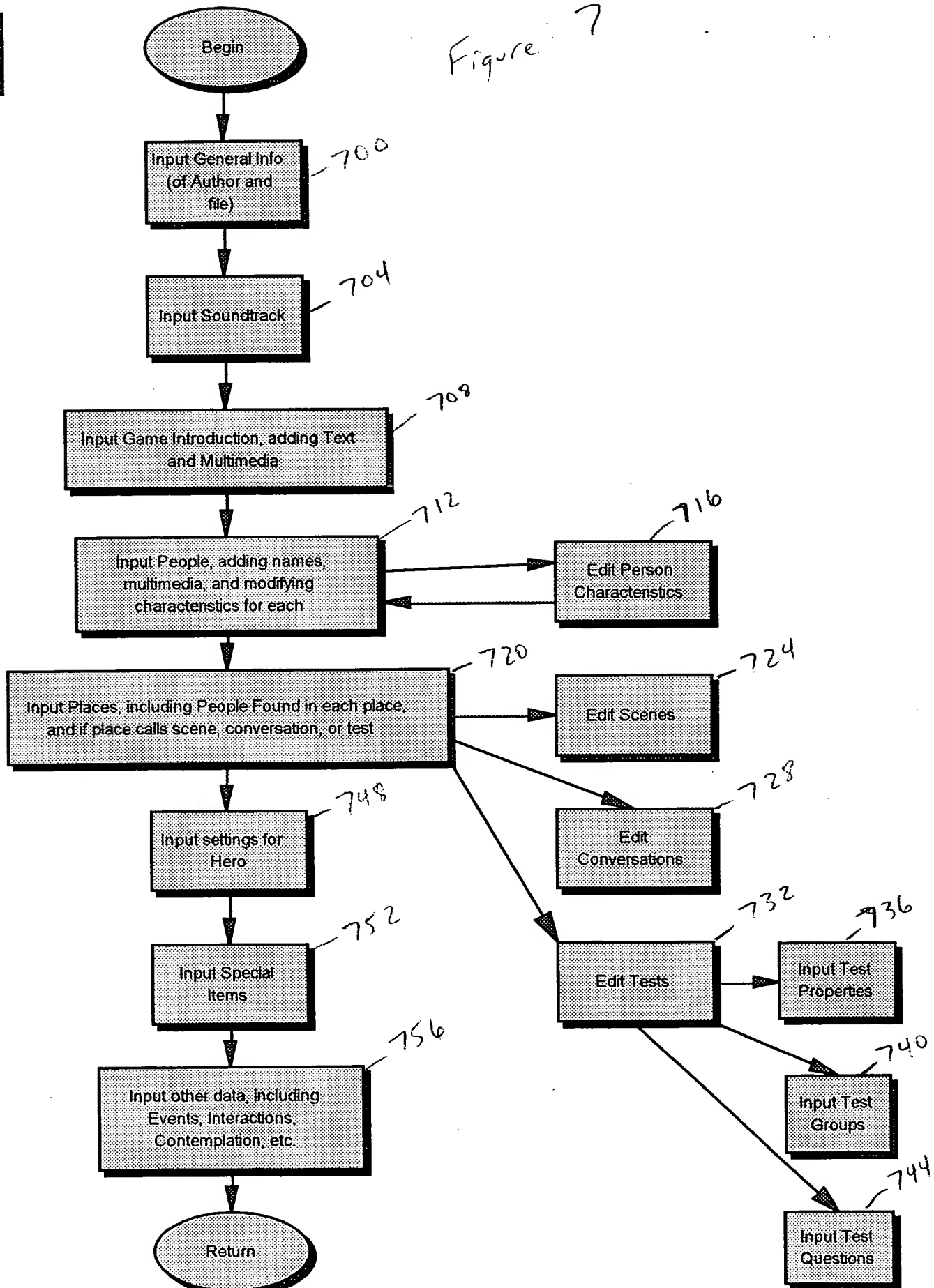


Figure 6



Content Authoring
Process: one
example

Figure 7



Insert Before

Insert At End

Delete

2 of 2

Return

Places

✓ Austin

✓ San Diego

Name: San Diego

Places is: ☒ Accessible Initially

Sound: None

Multimedia

Go To:

Scene

Go to: San Diego Scene 1

(with Precondition: No preconditions are set.)

[100% chance]

Links

People Found

Edit Scenes

People found there:

Tom (50 %)

Susie (50 %)

Figure 8

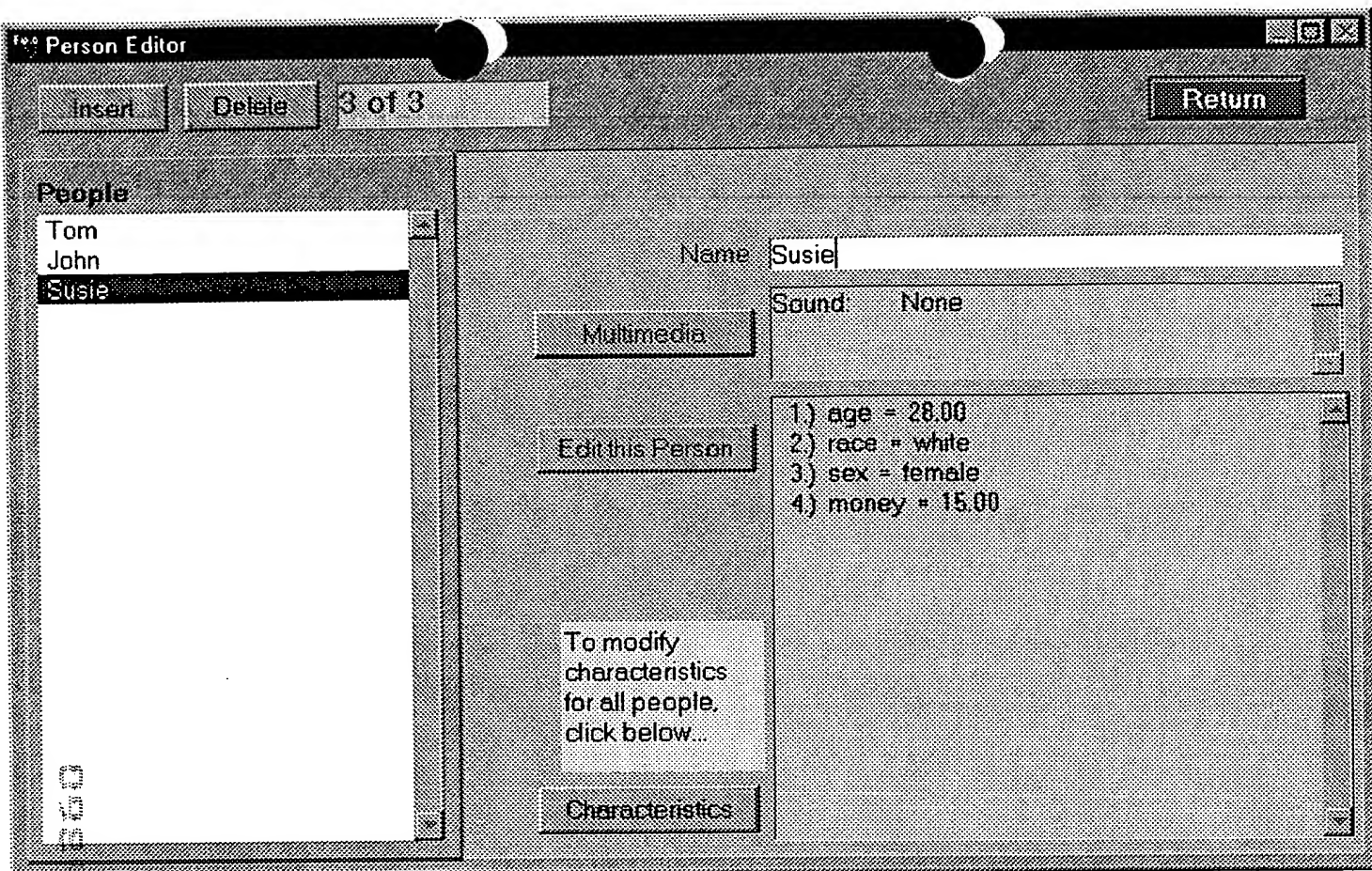
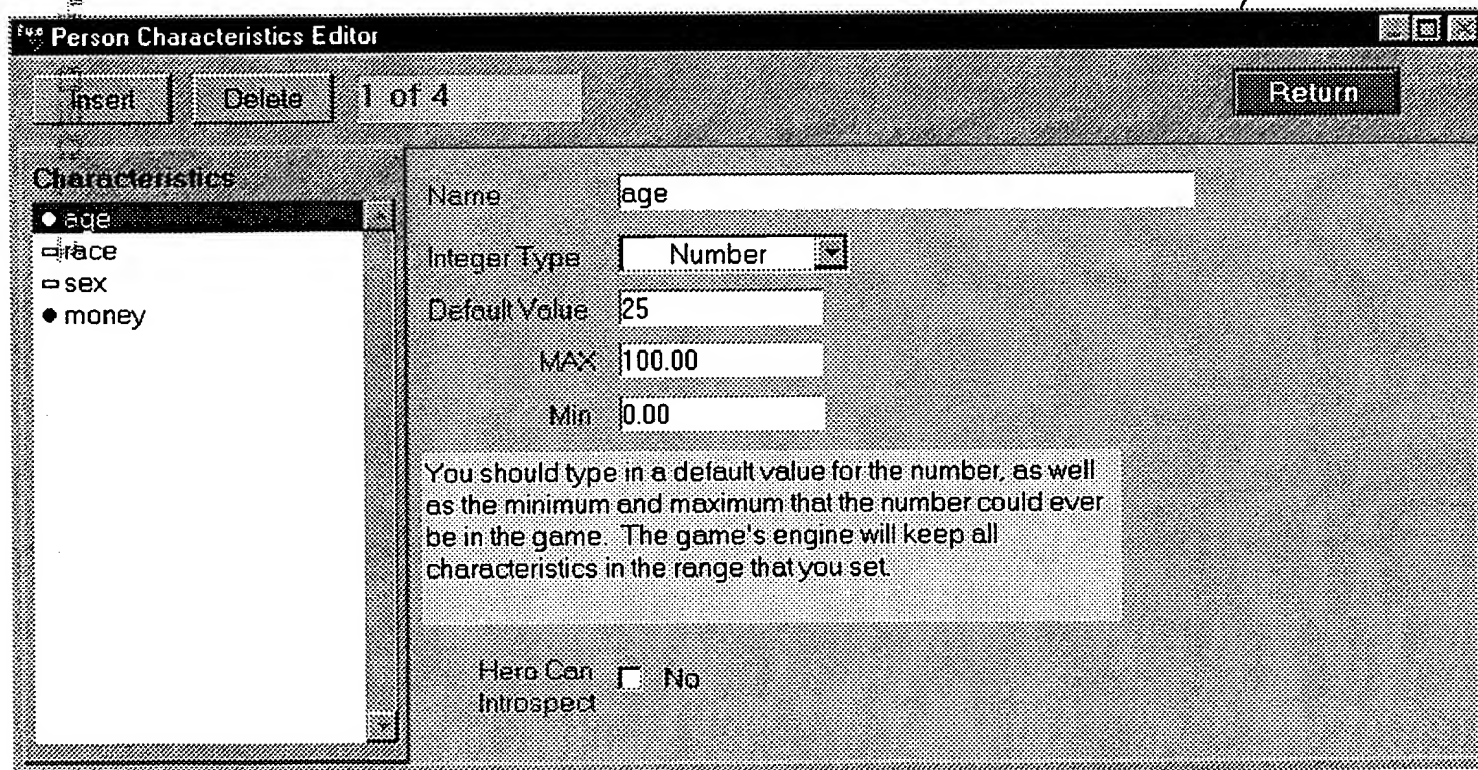


Figure 9

Figure 10



Insert

Delete

1 of 3

Return

Scene to Edit

San Diego Scene 1

Austin Scene 1

zoo

Scene is called by

San Diego

Scene Title

San Diego Scene 1

Scene Text

You arrive in San Diego. America's finest city... What do you want to do?

Multimedia

Sound: None

Changes

Links

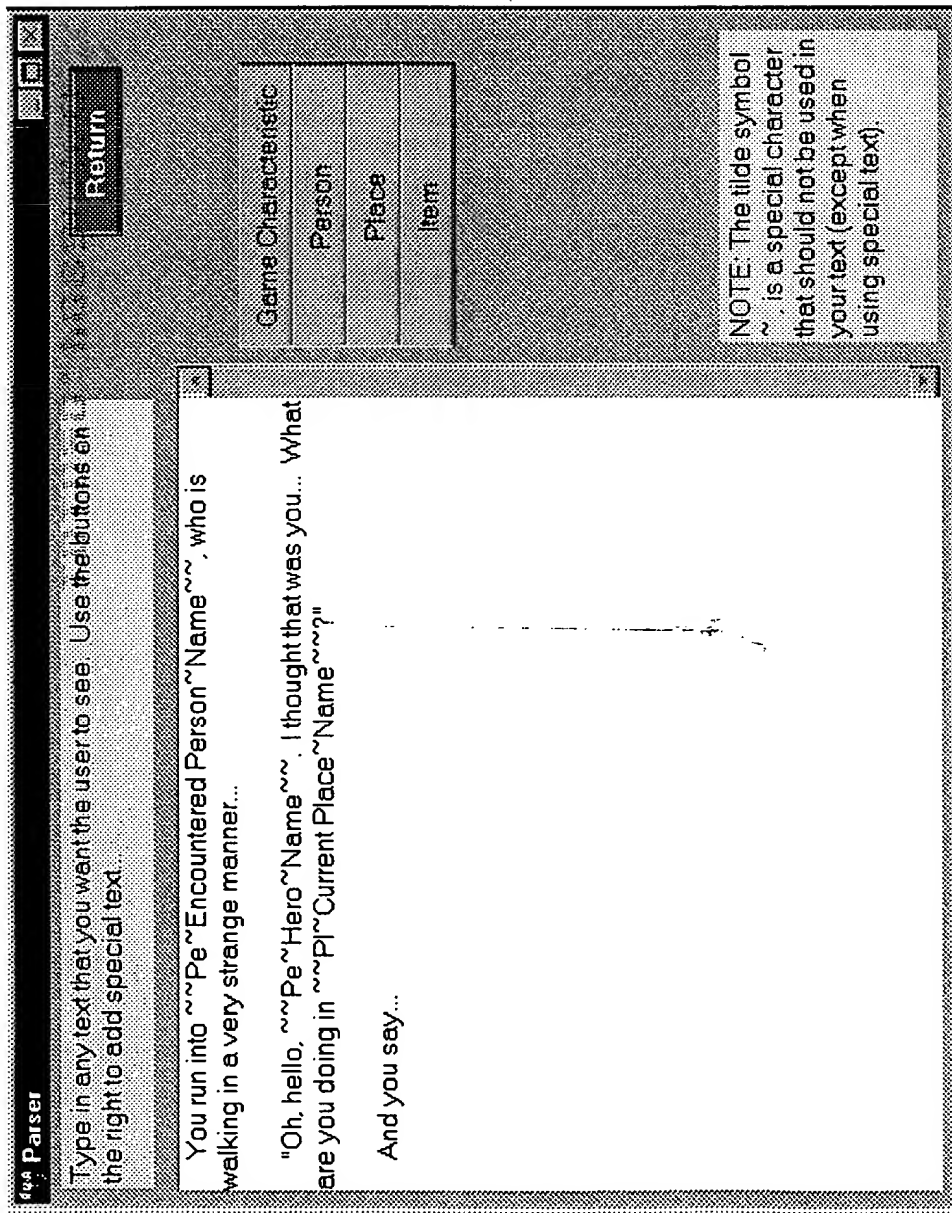
See the zoo.
Go to: zoo
(with Precondition: No preconditions are set.)
[100% chance]

Password

Password Prompt

Figure 11

Figure 12



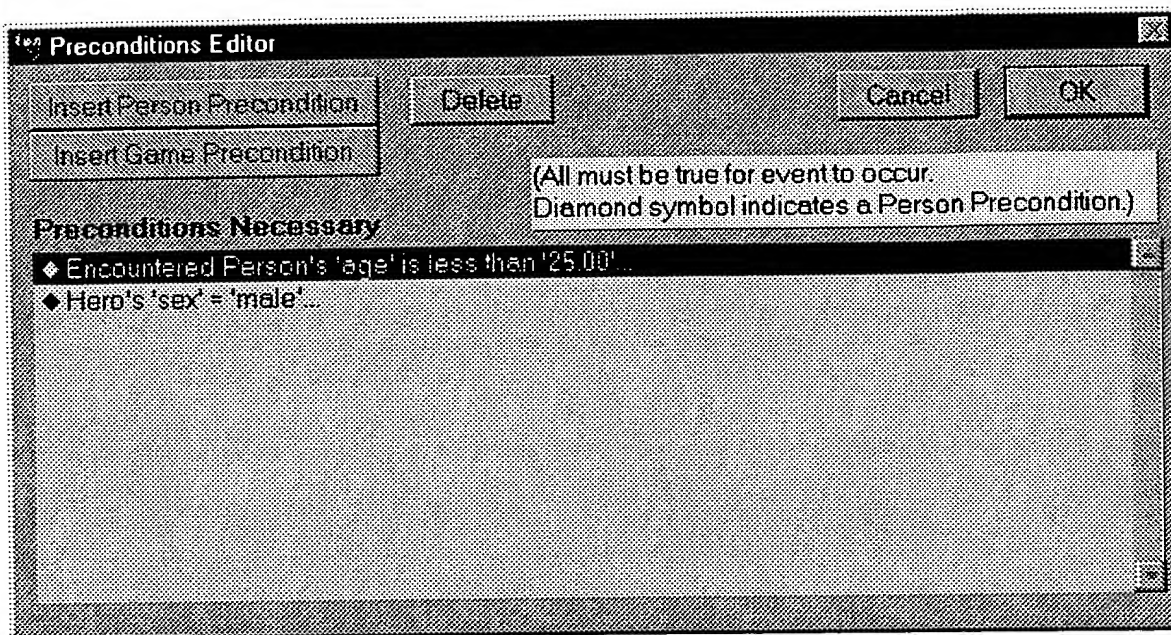


Figure 13

The top screenshot shows how the user can create a set of preconditions. The bottom one shows how each precondition is made. All information for the preconditions is pulled automatically from the appropriate databases.

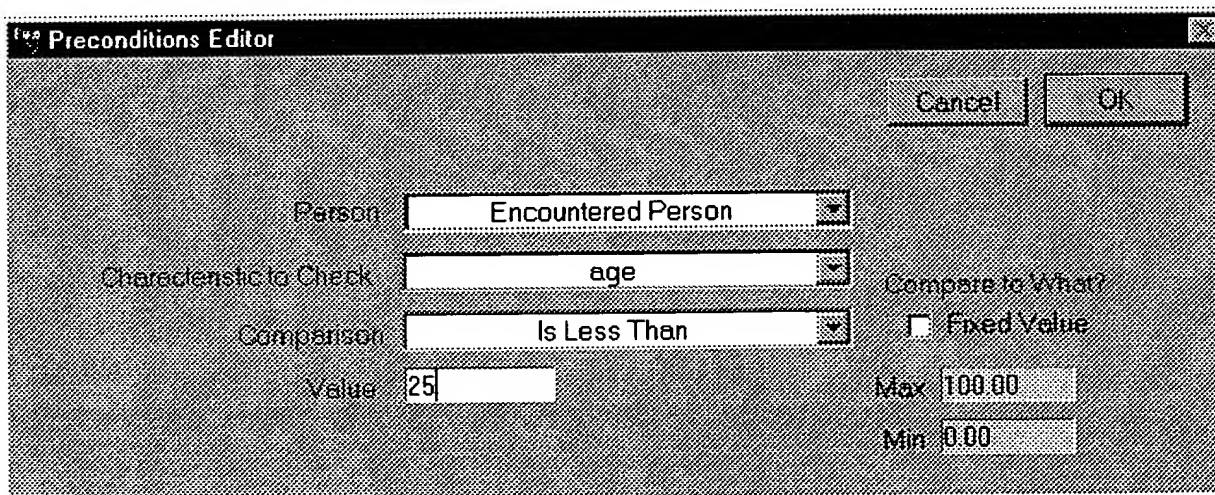


Figure 14

Reader High
Level

Figure 15

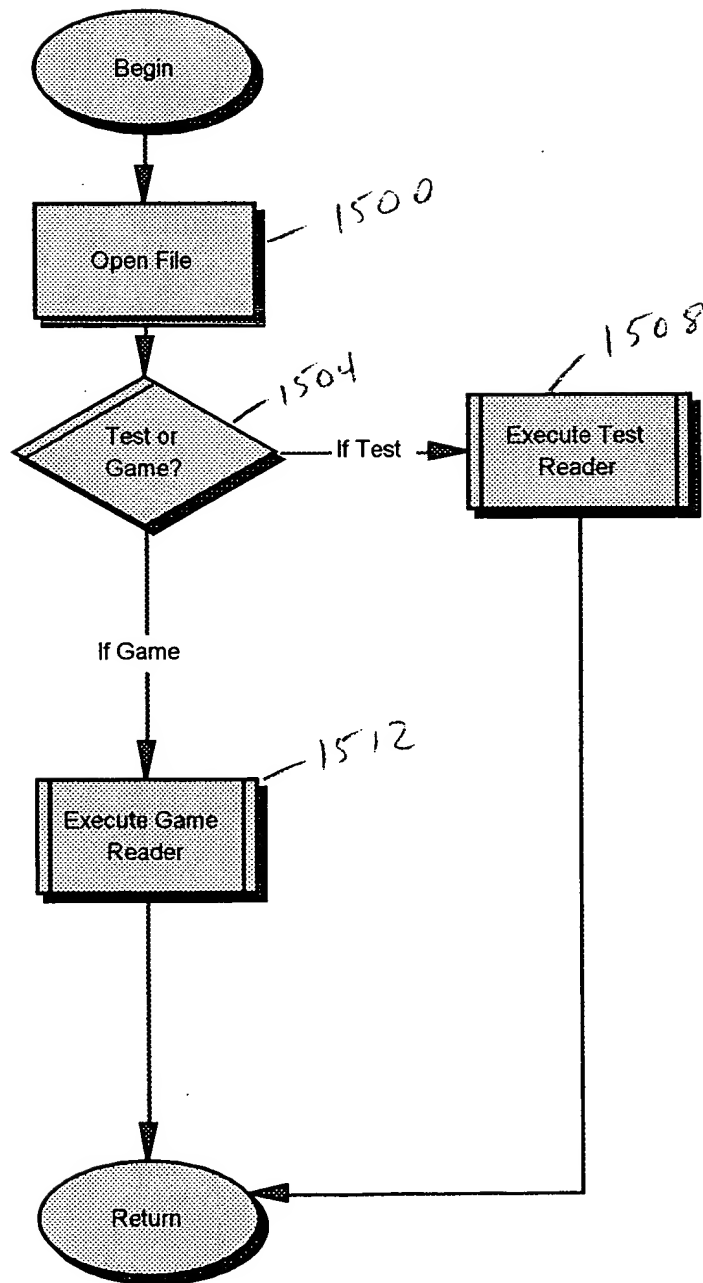
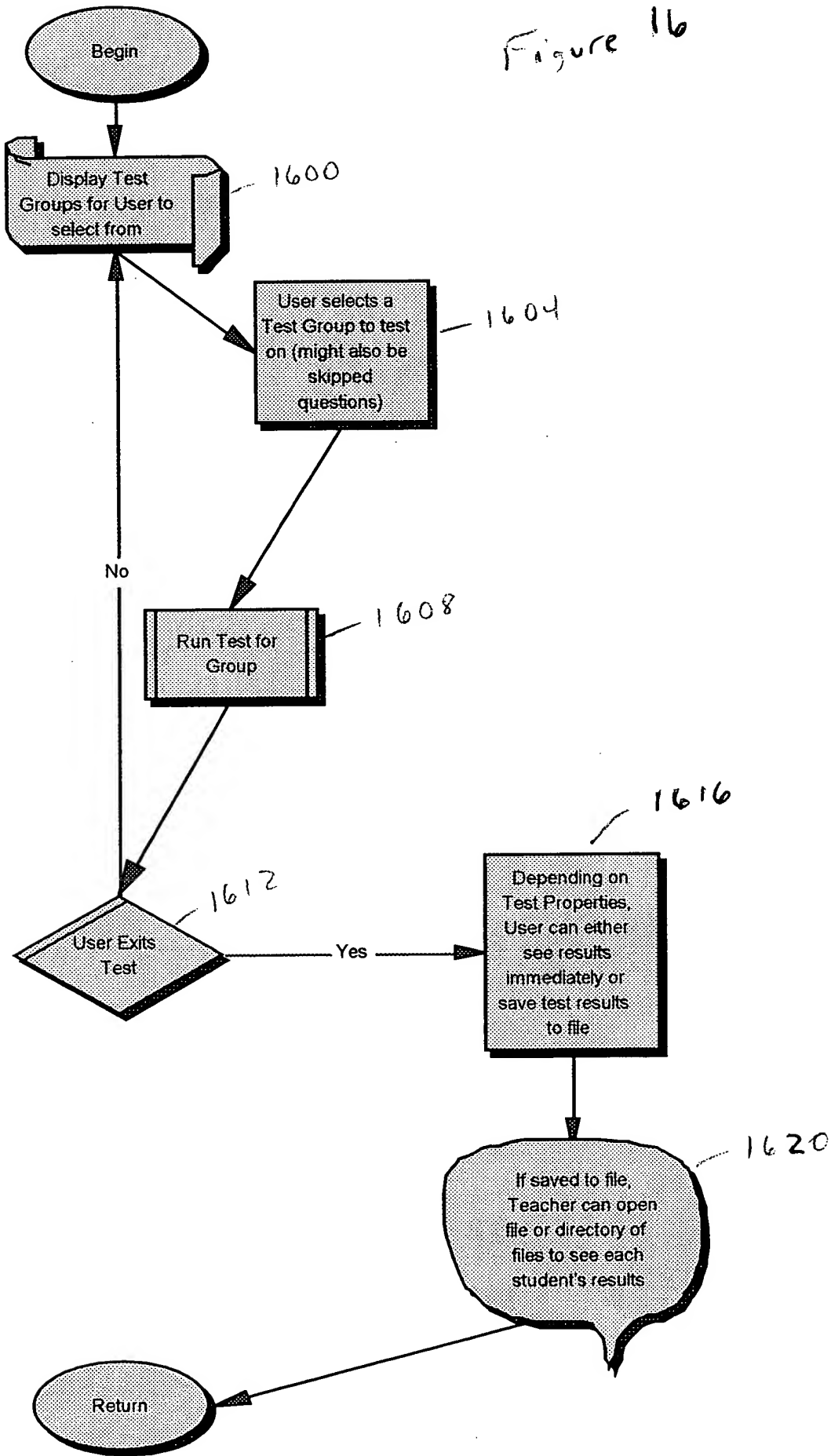


Figure 16



Run Test for Group

Figure 18

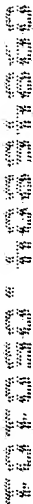


Figure 19

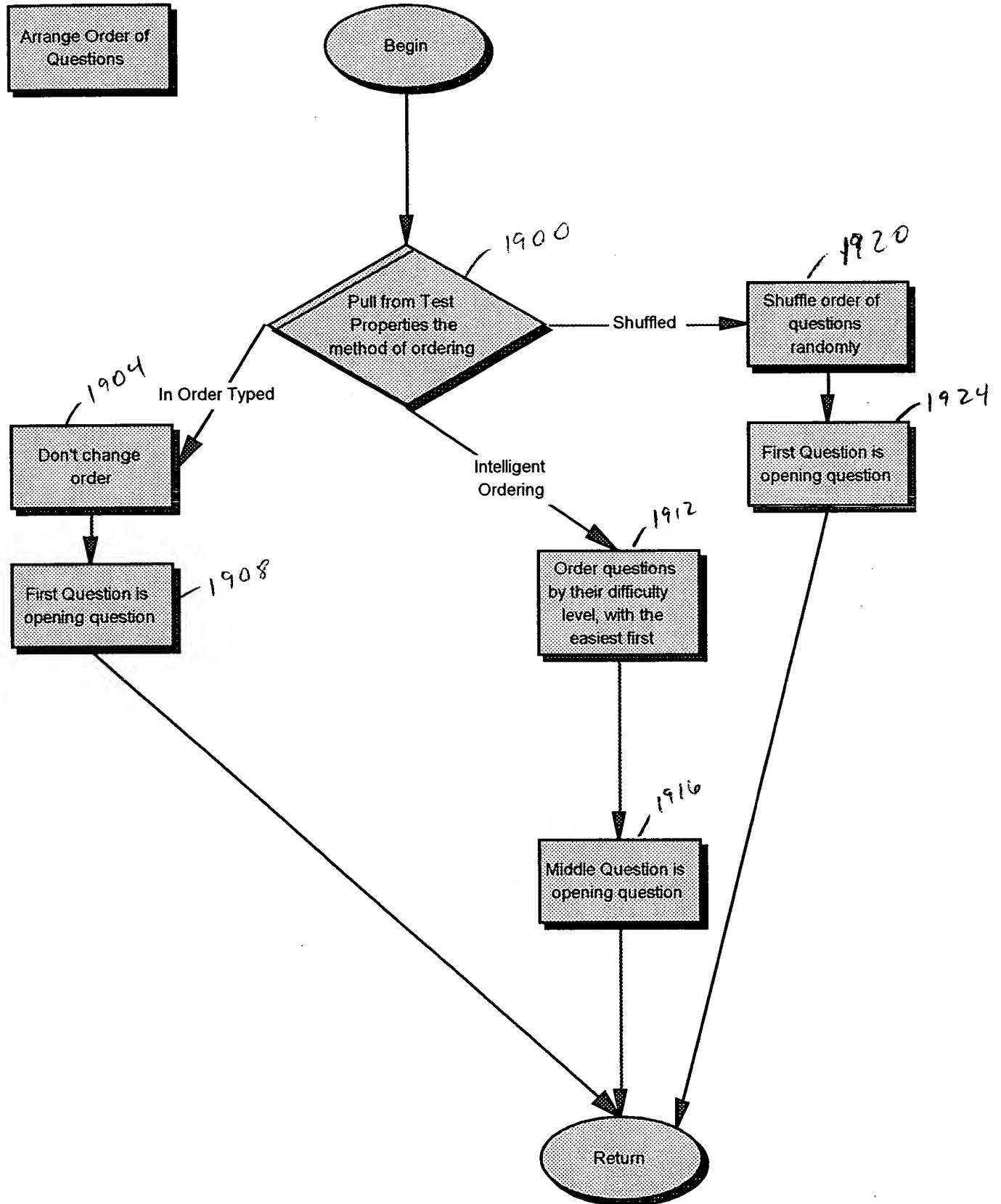
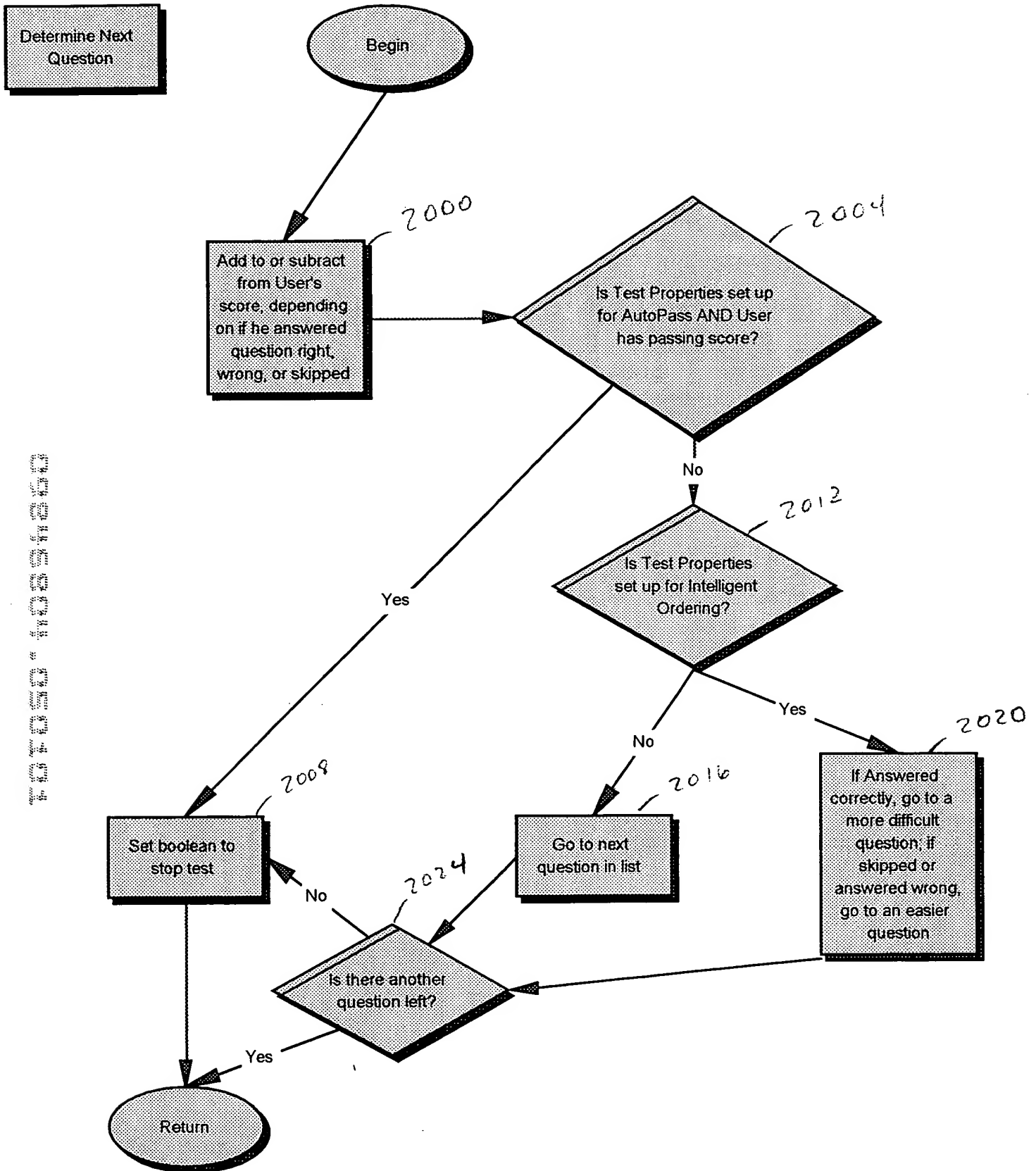


Figure 20



Game Reader
High Level

Figure 21

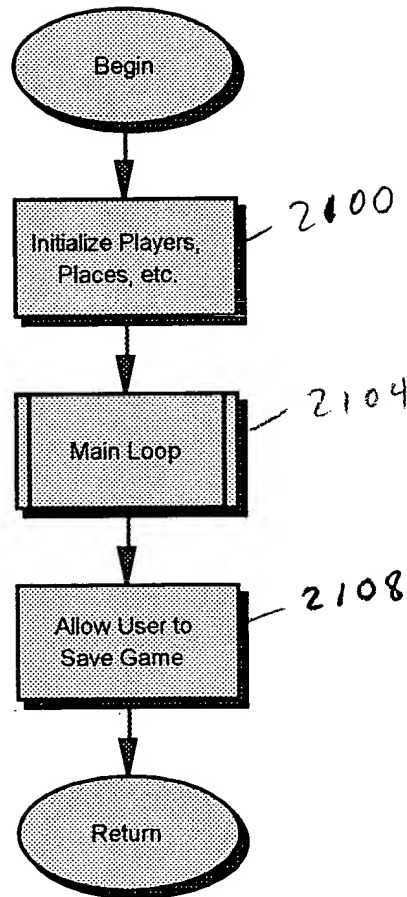
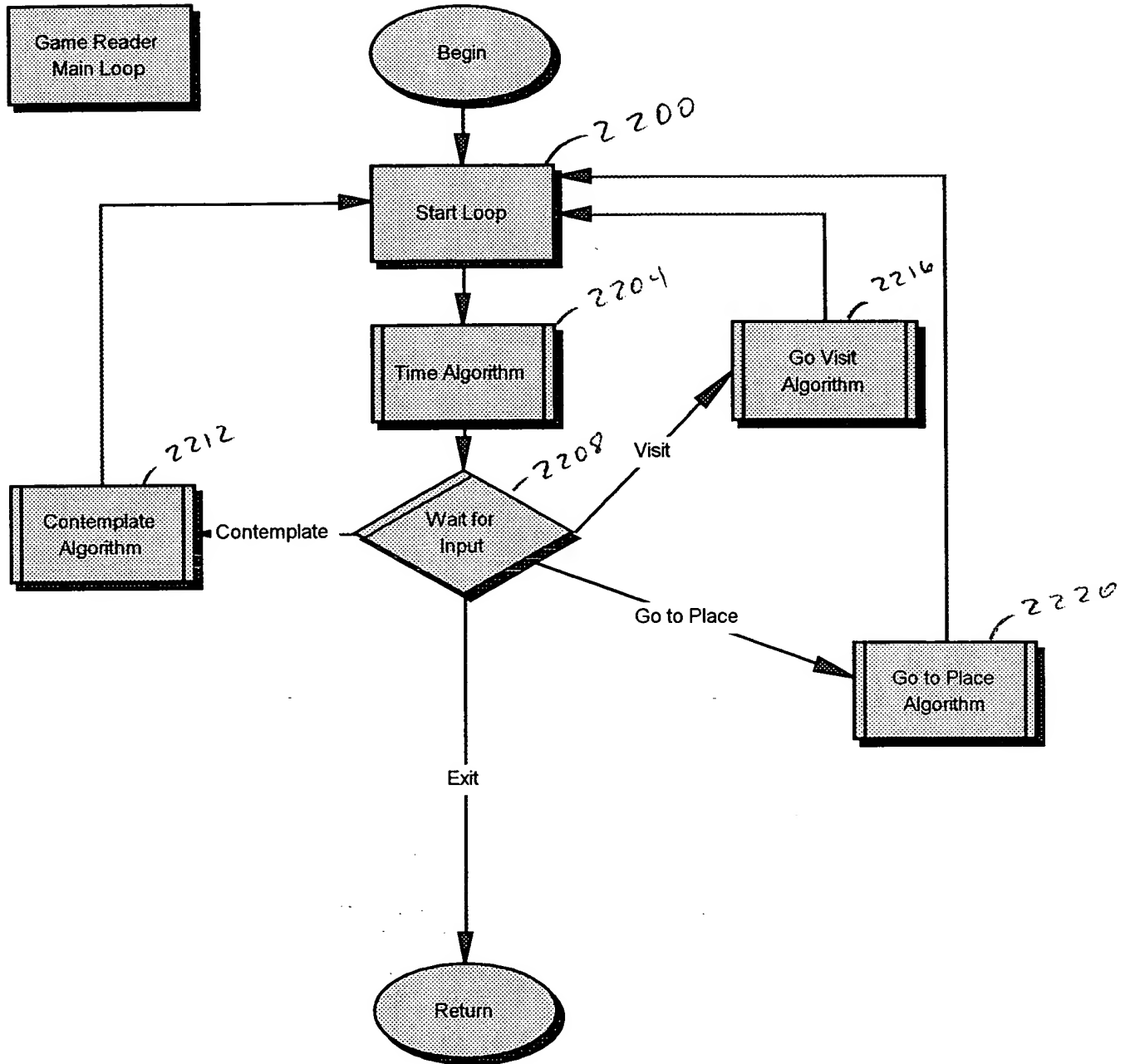


Figure 22



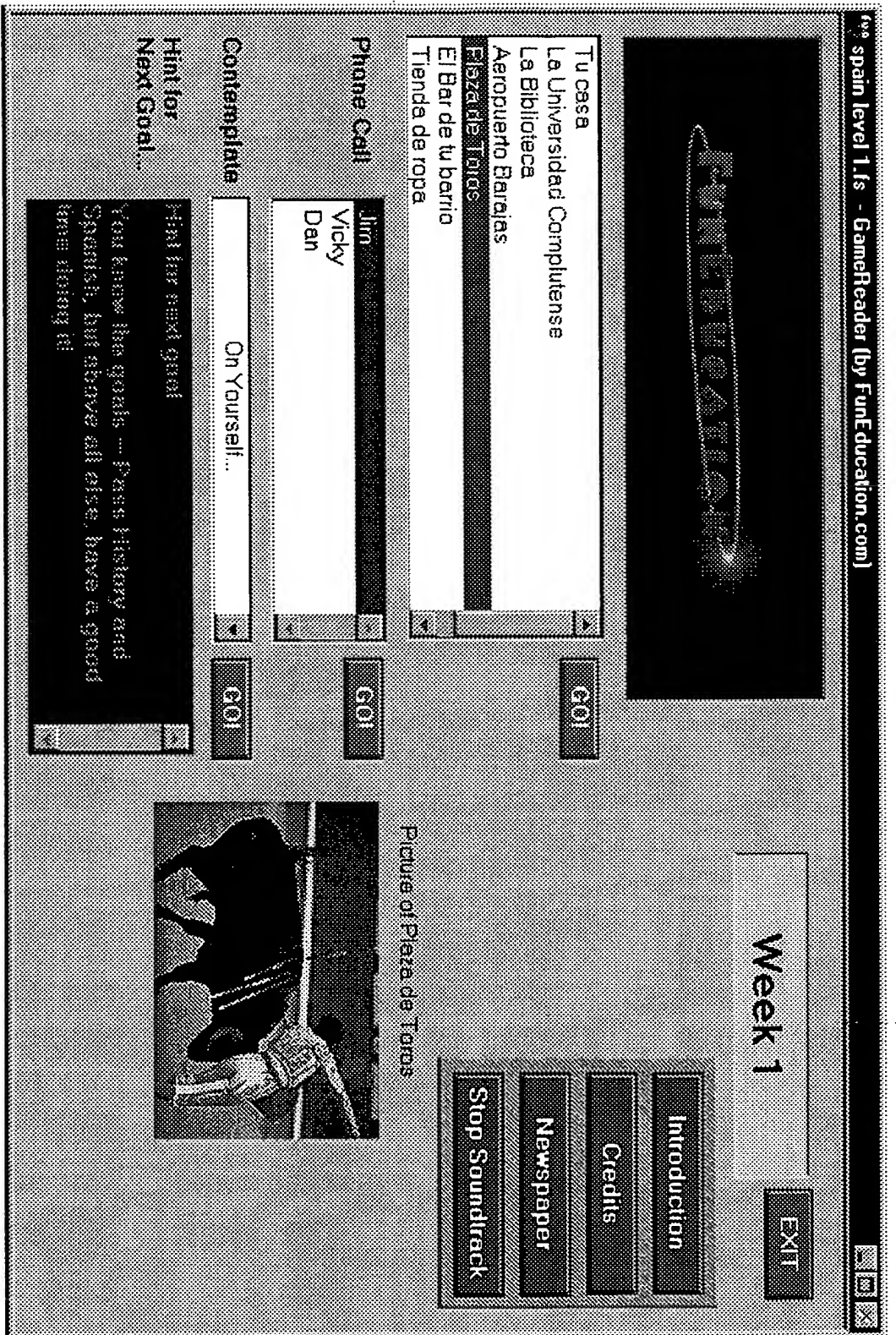


Figure 23

Figure 24

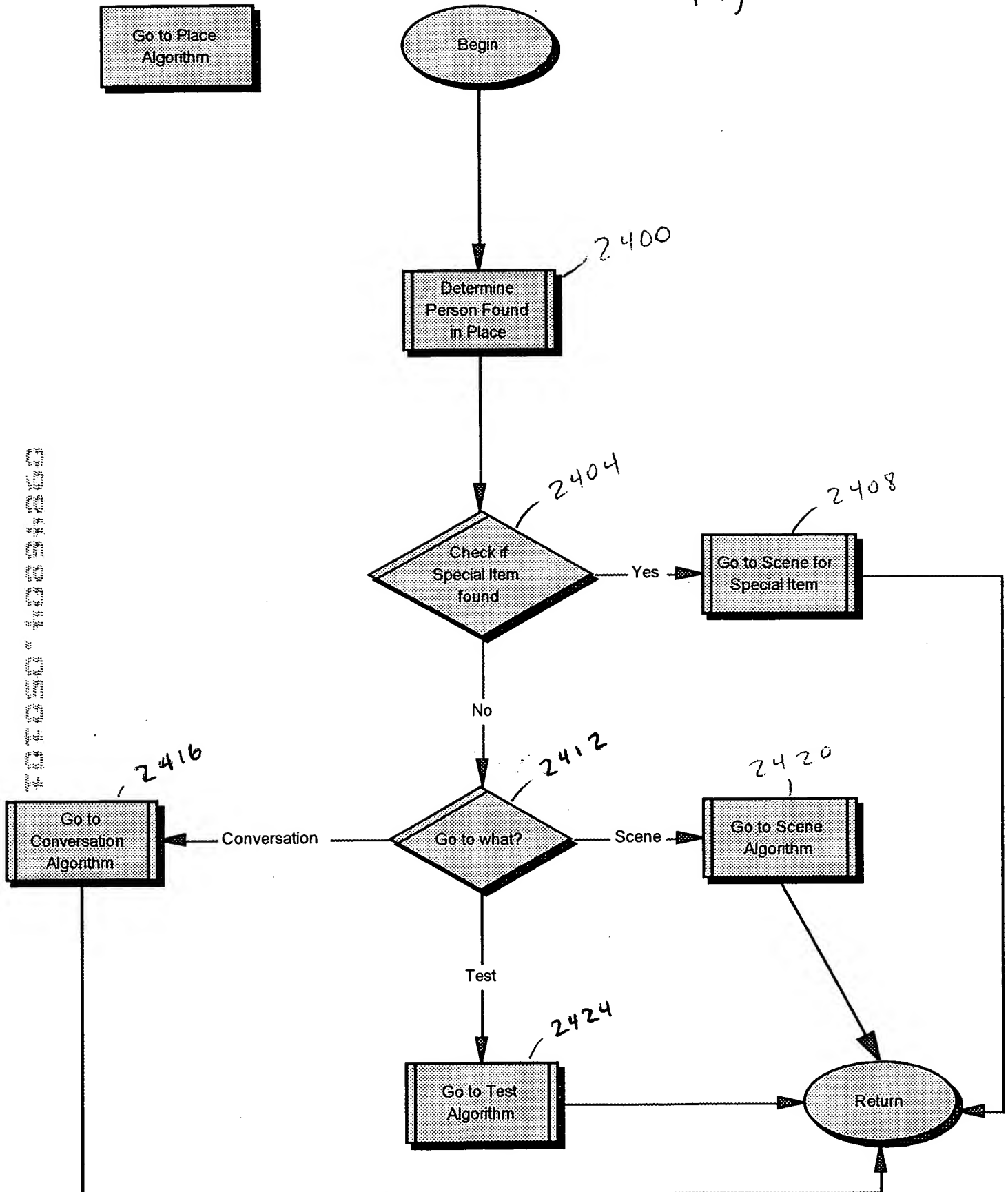


Figure 25

Go to Visit
Algorithm

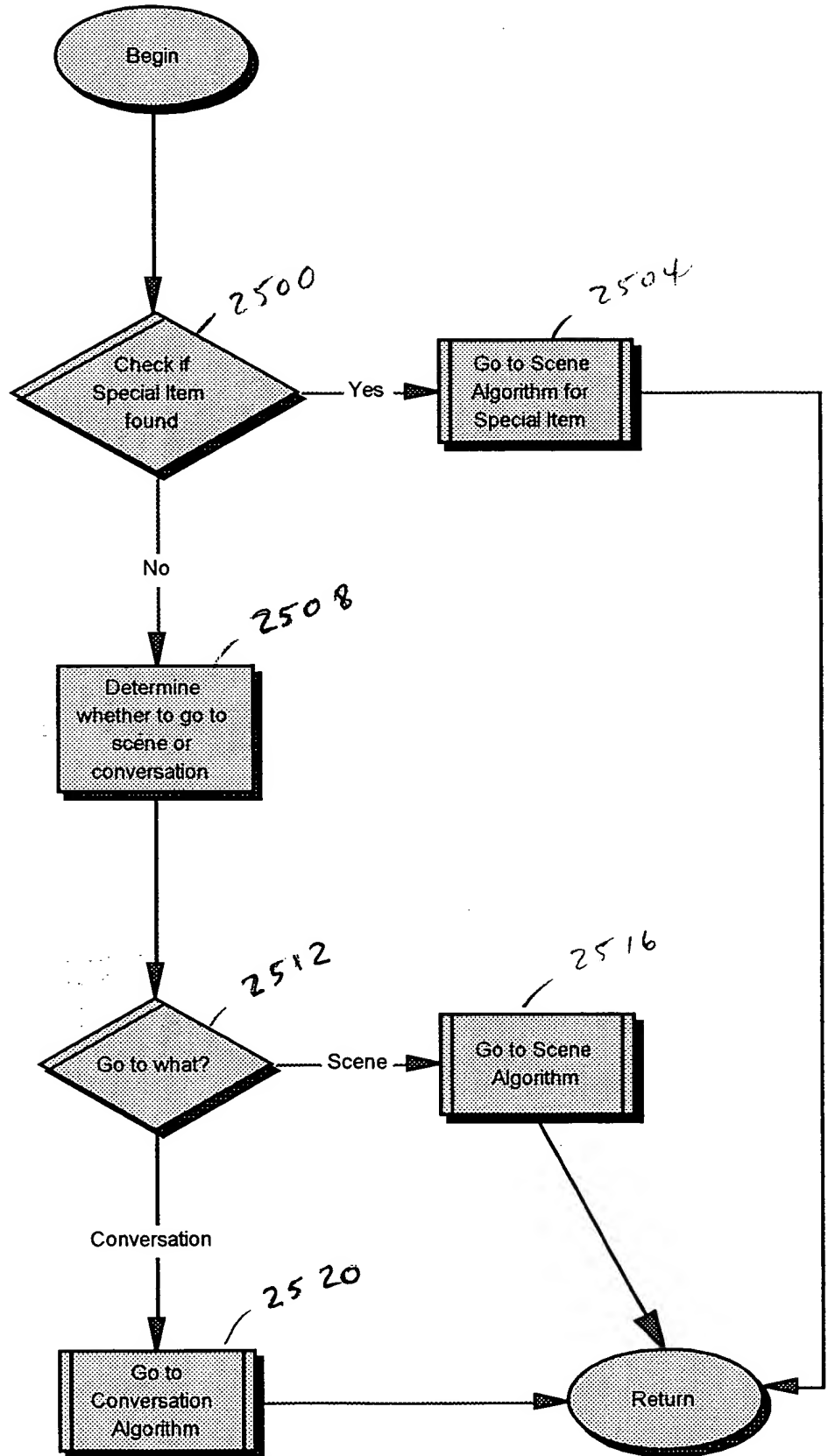


Figure 26

Contemplate
Algorithm

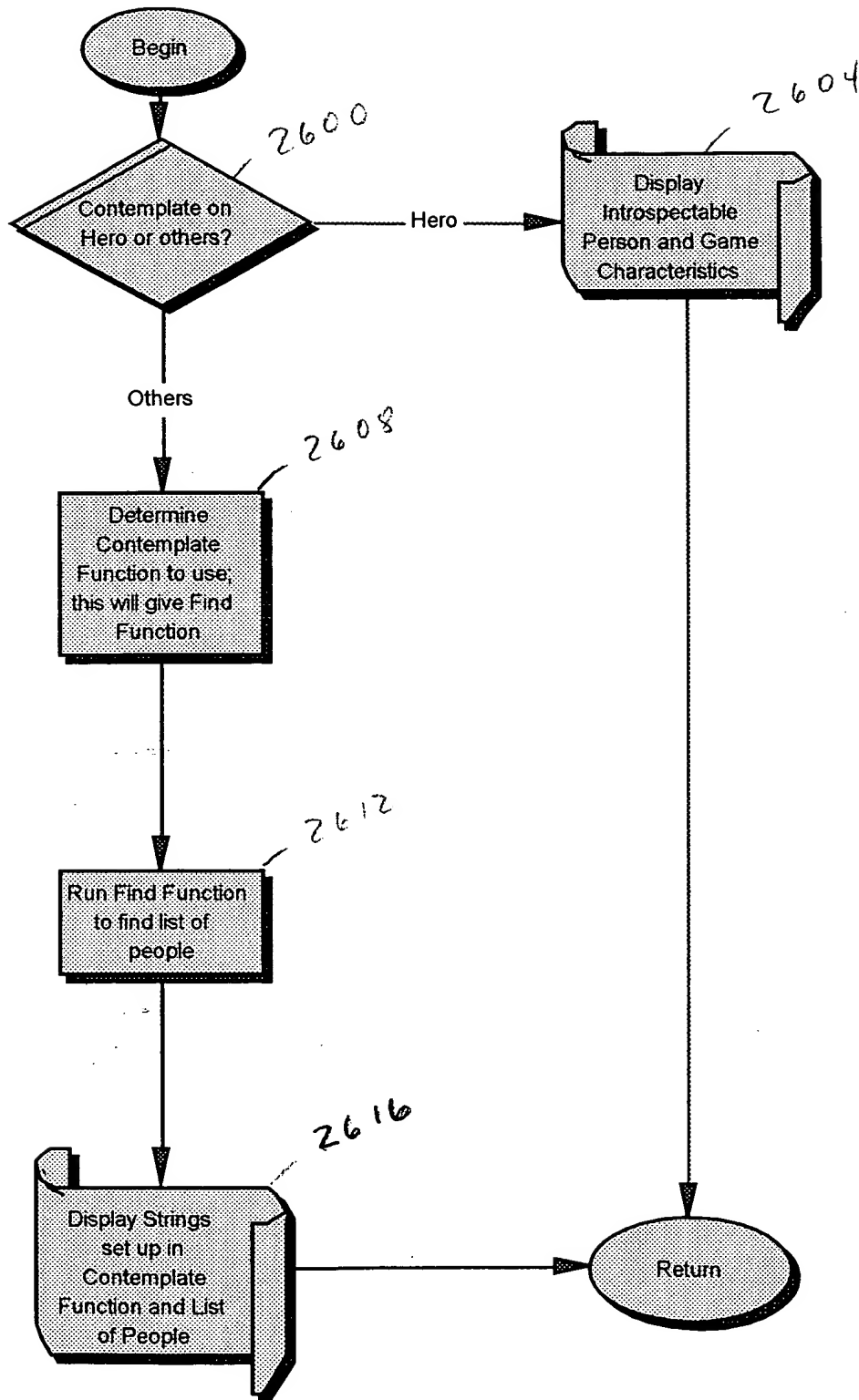
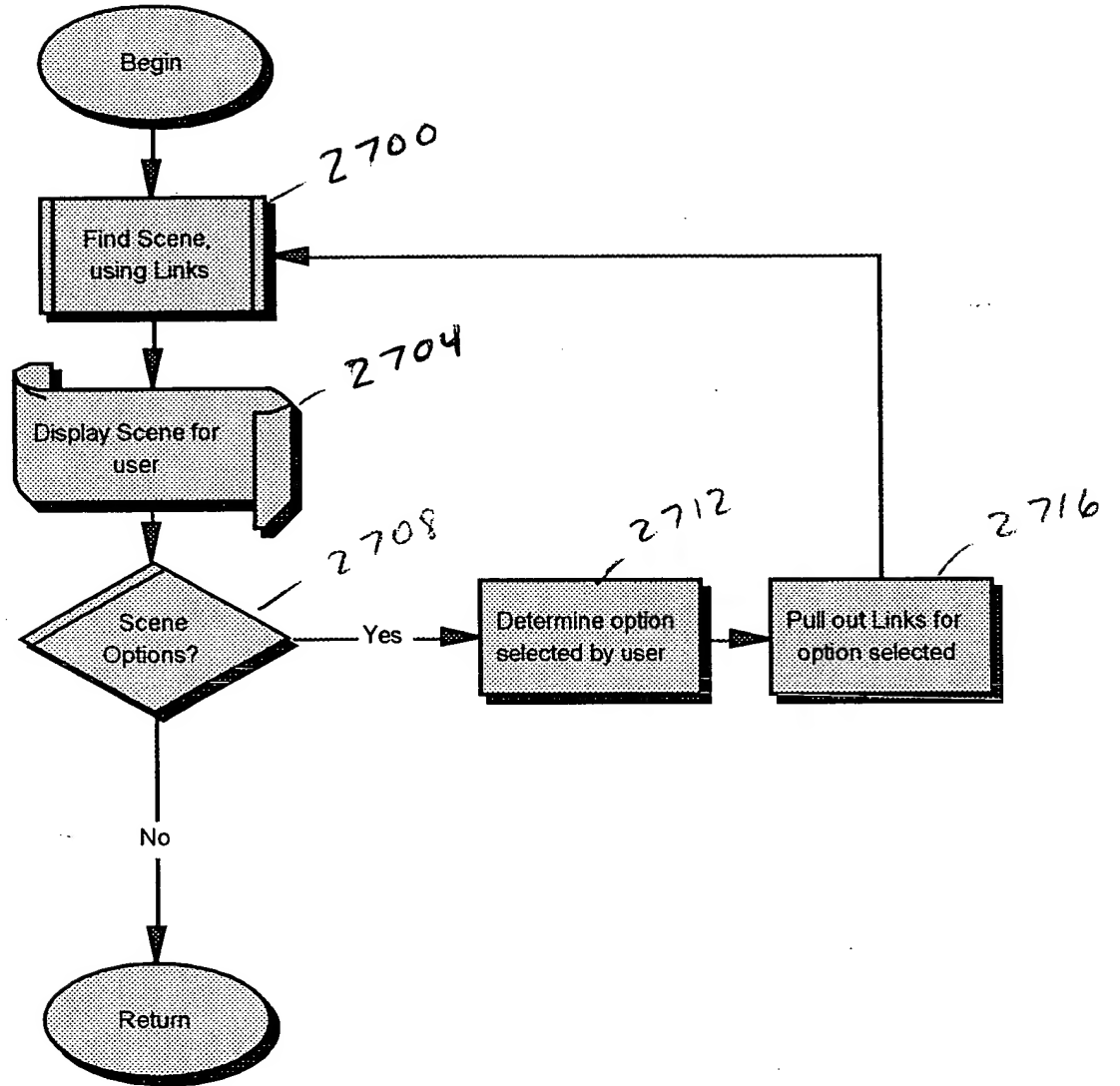



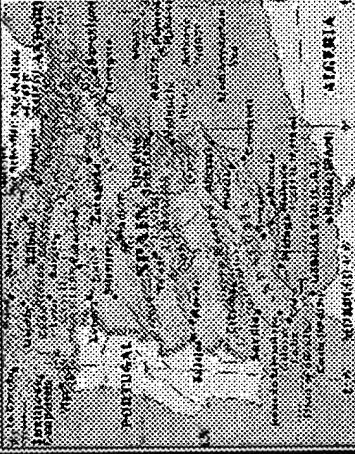
Figure 27

Go to Scene
Algorithm



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Figure 28

Tu casa. Your new home. Where you are living as an exchange student with a Spanish family (Los Gomez). The mother's name is Lola. The father is Jose. They have a 26-year-old daughter that lives with them, whose name is Marta. (In Madrid, with the high unemployment it is normal for children to live with their parents until they get married and buy a house. This typically happens at around the age of 30. Many Madrilenos are in universities until the age of 25.)

As part of your casis for the four-month study program, you are paying the Gomez family for lodging and meals. It's a good idea to eat here as much as possible, since the restaurants of Madrid are quite expensive, and you are on a tight budget.

☒ Have a meal

☐ Watch TV

Have a meal

Continue

Go to
Conversation
Algorithm

Begin

Determine
Statements or
Questions that
user can say

2900

Open Window to
user, describing
person
encountered and
statement options

2904

User selects
statement

2908

Determine
Response

2912

Window displays
Response from
encountered
person

2916

Response
calls scene?

2920

Go To Scene
Algorithm

2924

Return

Yes

No

4-68 6-68 8-68 10-68 12-68 14-68 16-68 18-68 20-68 22-68 24-68 26-68 28-68 30-68 32-68 34-68 36-68 38-68 40-68 42-68 44-68 46-68 48-68 50-68 52-68 54-68 56-68 58-68 60-68 62-68 64-68 66-68 68-68 70-68 72-68 74-68 76-68 78-68 80-68 82-68 84-68 86-68 88-68 90-68 92-68 94-68 96-68 98-68 100-68

Figure 30

Go to Test from
Place

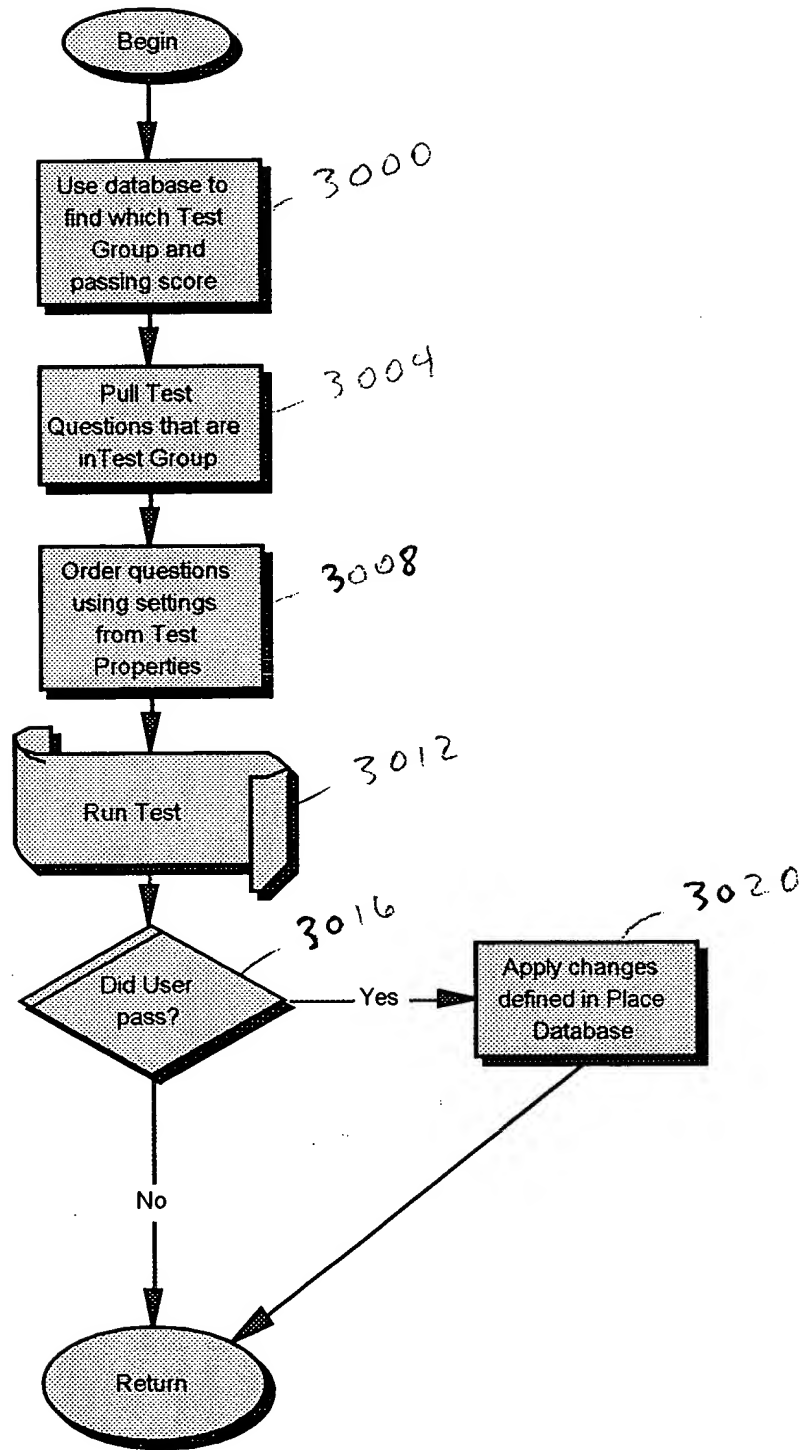


Figure 31

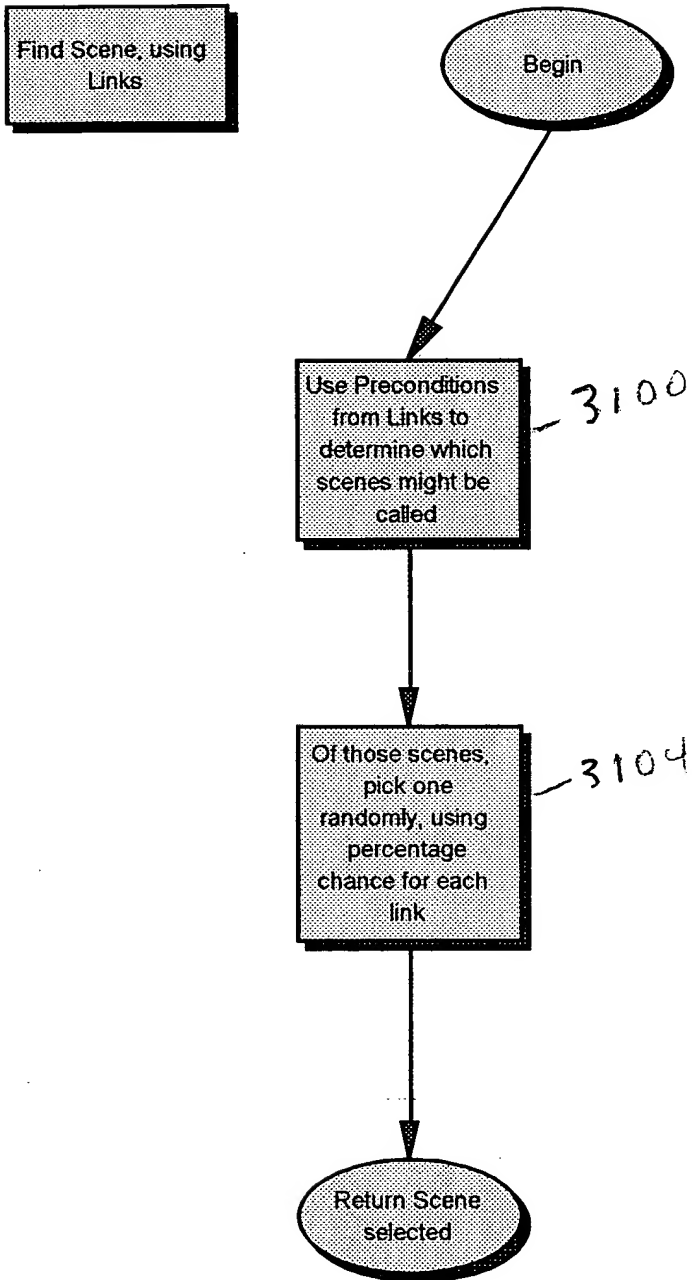
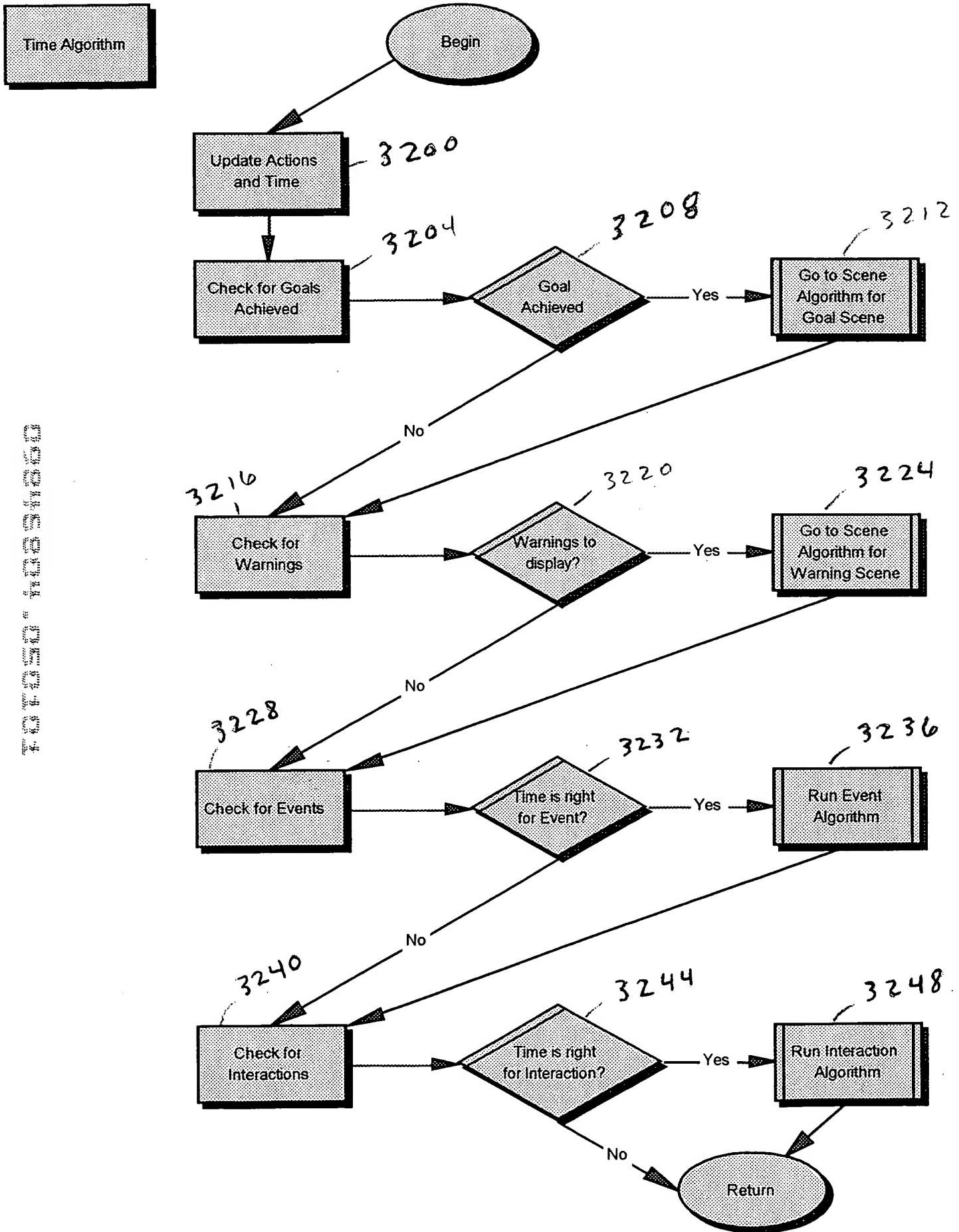


Figure 32



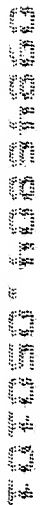


Figure 34

Interactions
Algorithm

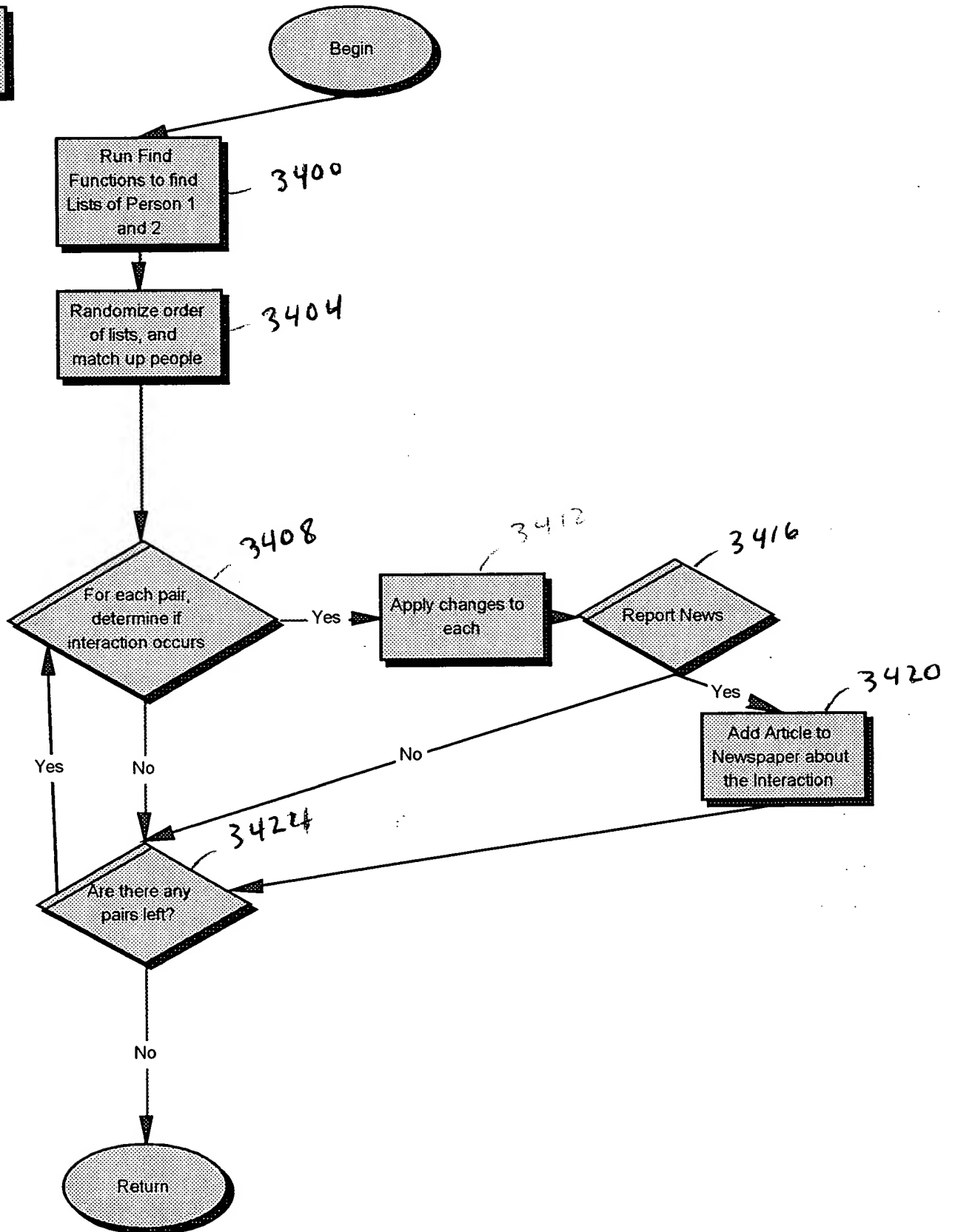
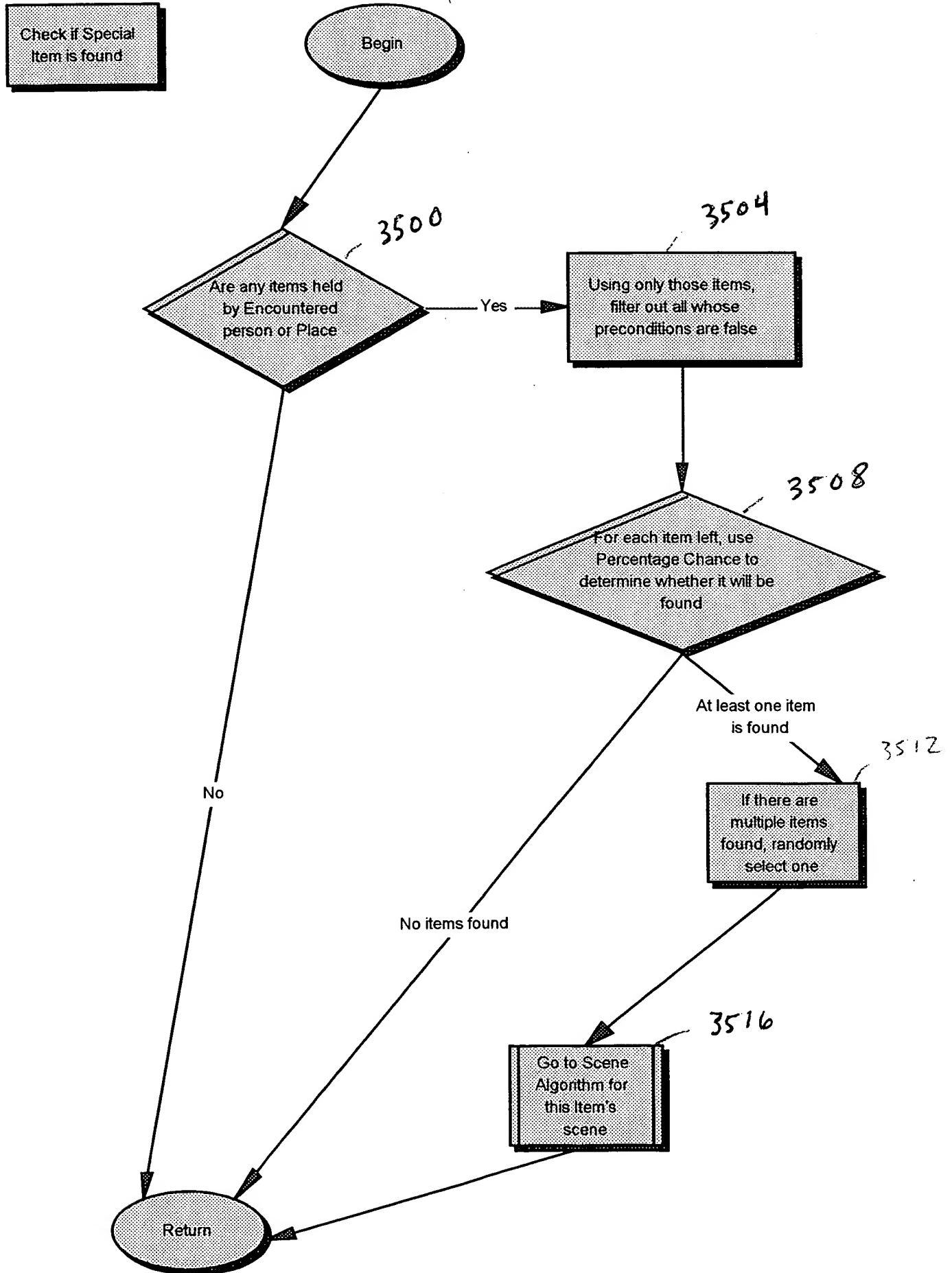
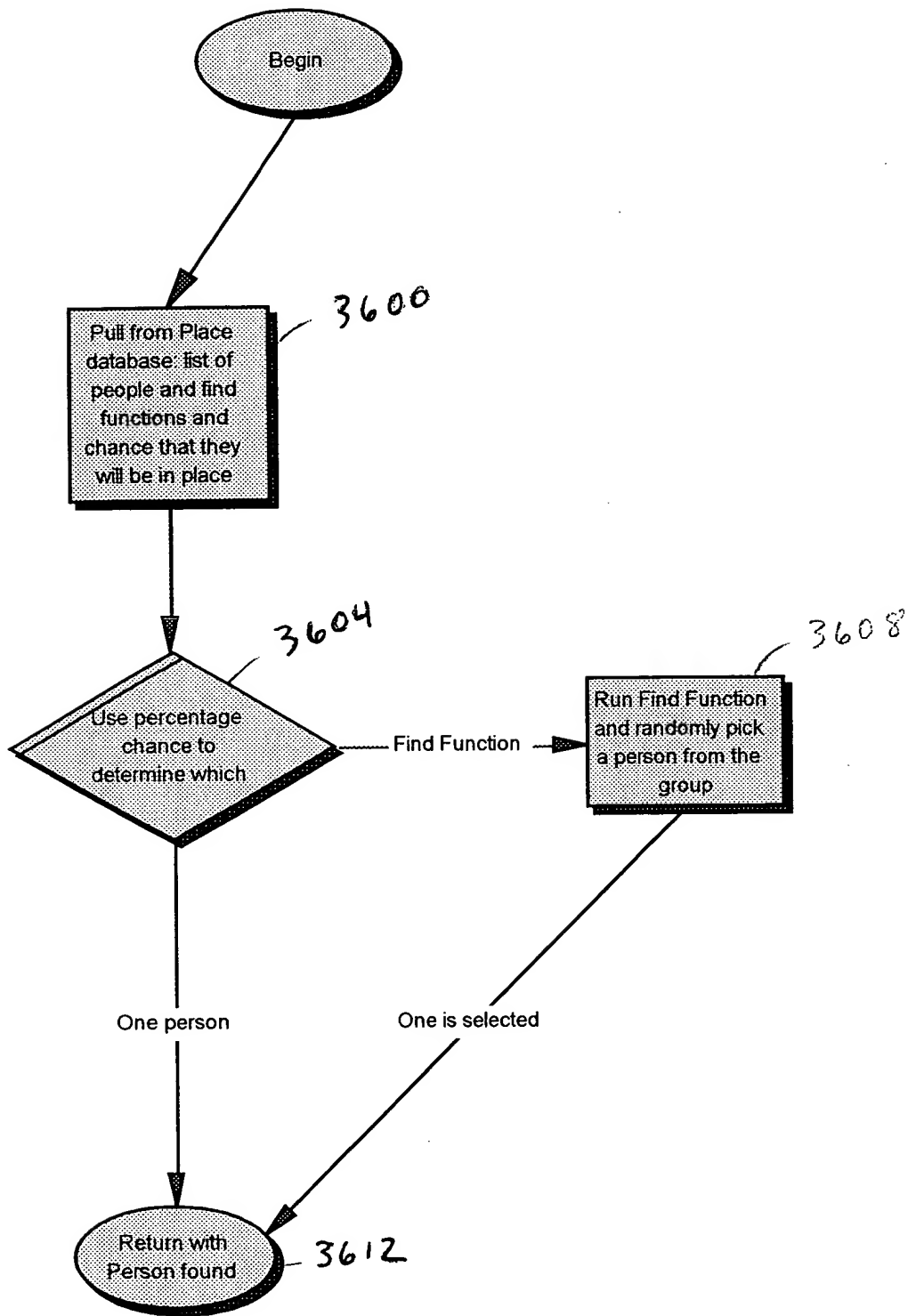


Figure 35



Determine Person
Found in Place



404000 4034000

Figure 37

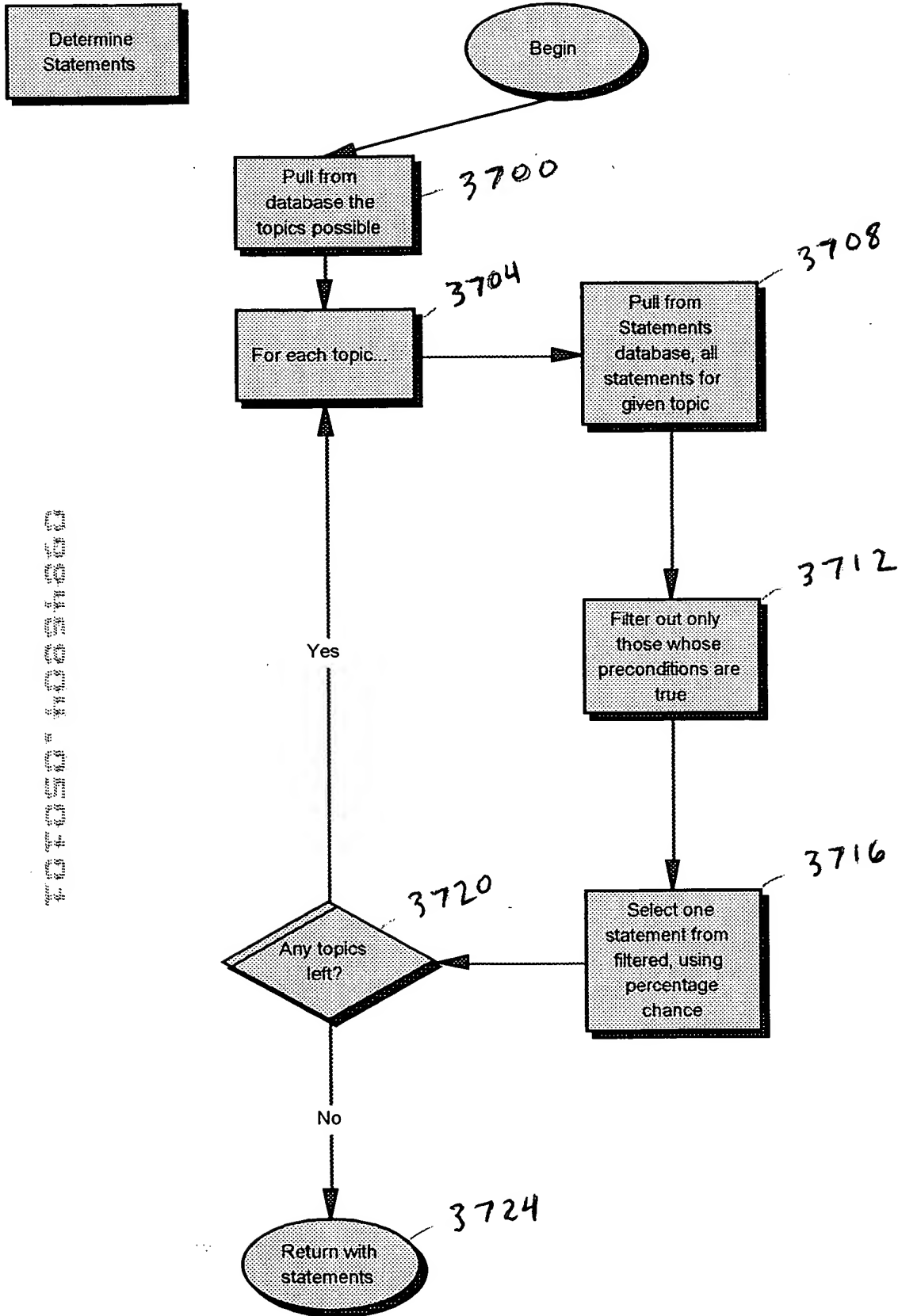


Figure 38

Determine
Response

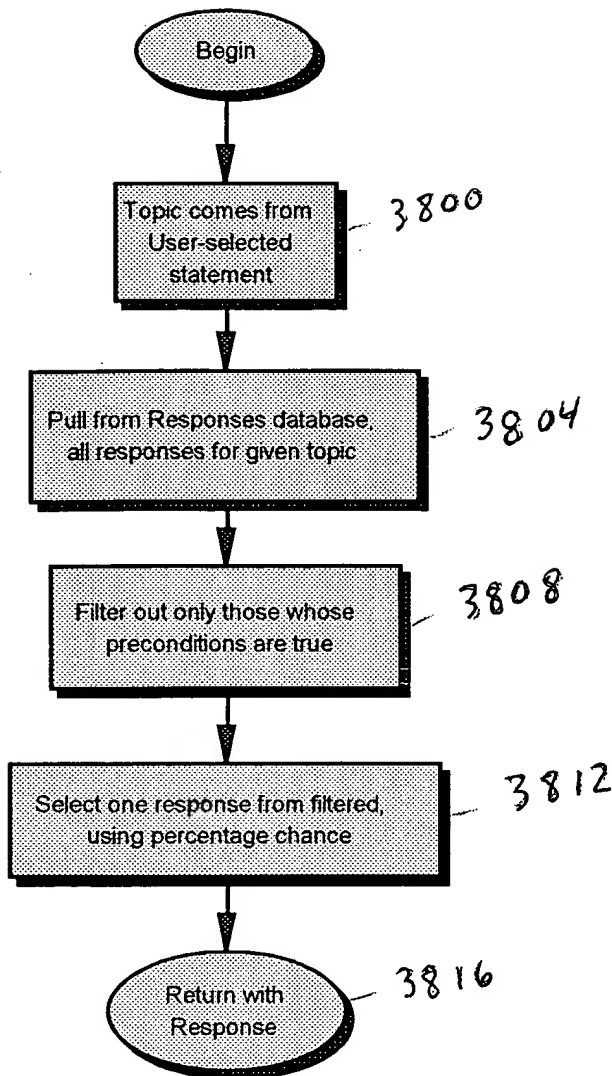


FIG. 38

Figure 39: Simulation DB for each object

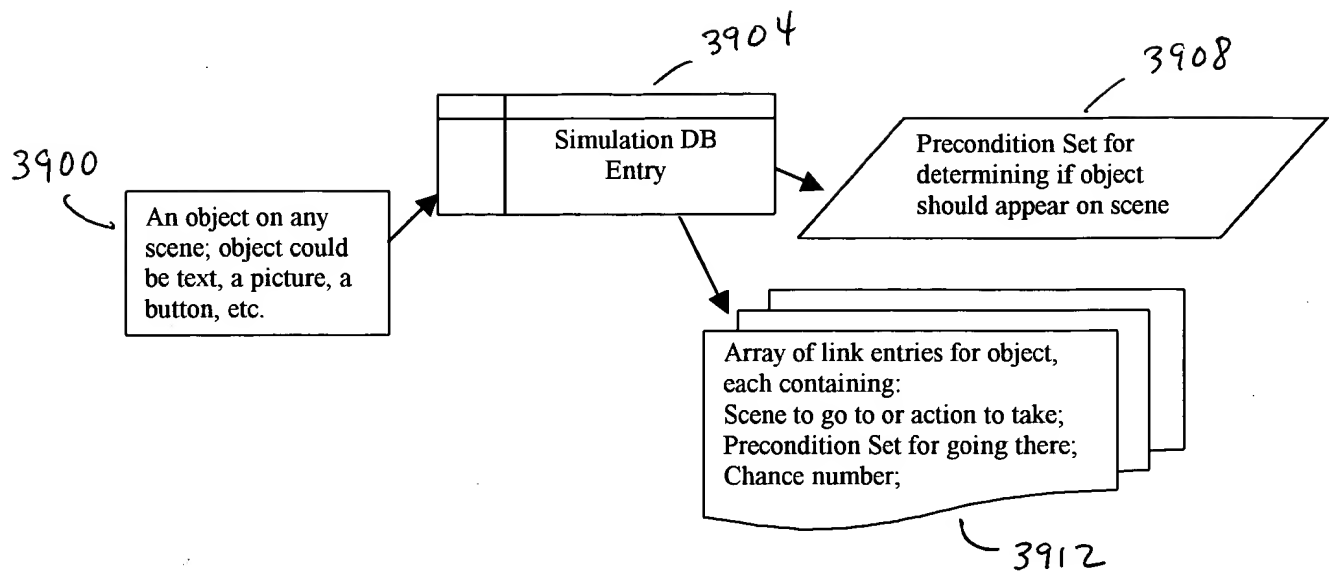


Figure 40: Precondition DB

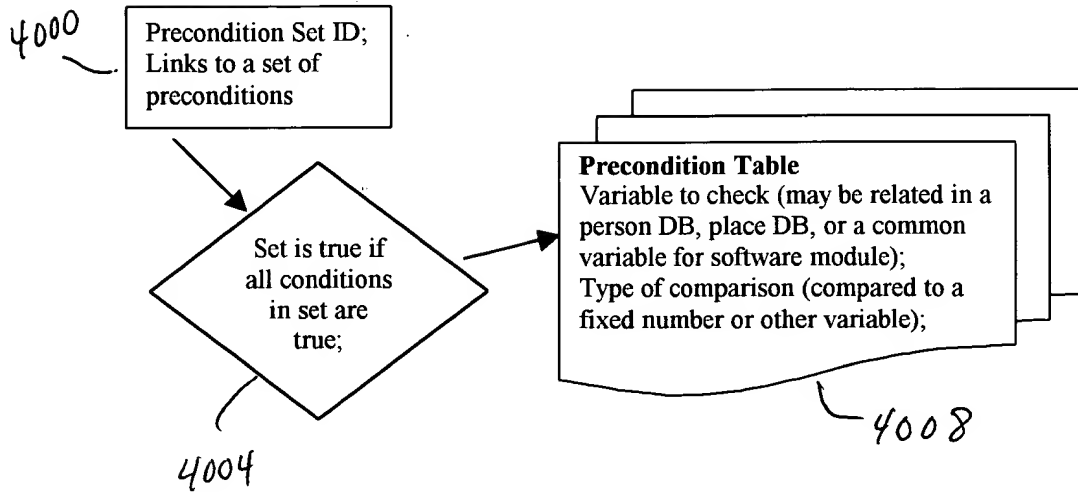


Figure 41: Chance Number Application

